

[DOCUMENT OF ABSTRACT]

[ABSTRACT]

The present invention relates to an IPS mode liquid crystal display device to improve an aperture ratio and to lower a driving voltage, the present invention discloses an array panel having a thin film transistor includes: a substrate; a thin film transistor formed on the substrate; first and second lines crossing each other, the first and second lines connected to the thin film transistor; a pixel electrode substantially having a zigzag shape including a plurality of indentations and a plurality of protrusions extended along the same direction as the second line, the pixel electrode supplied a signal from the thin film transistor, the pixel electrode substantially extended along a horizontal direction with the first line; a common electrode having the same shape as the pixel electrode including the zigzag shape, the common electrode substantially in parallel with the pixel electrode.

[REPRESENTATIVE FIGURE]

FIG. 6